12/16/83
A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 63 **For Week Ended** NOVEMBER 25, 1983 **NO.** 47

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/25/83	Last Week Ending: 11/18/83	Last Year Week Ending: 11/26/82	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,178	12,523	12,183	- 345	- 5
Operable capacity	16,309	16,309	16,663	0	- 354
Percent operated	74.7	76.8	73.1		
Motor Gasoline					
Total motor gasoline production	6,789	6,715	6,254	+ 73	+ 534
Finished leaded motor gasoline production	2,946	2,916	N/A	+ 30	N/A
Finished unleaded motor gasoline production	3,842	3,799	N/A	+ 43	N/A
Total motor gasoline stocks	231,483	230,373	230,113	+ 1,110	+ 1,370
Finished leaded motor gasoline stocks	93,462	92,604	N/A	+ 858	N/A
Finished unleaded motor gasoline stocks	99,322	98,247	93,825	+ 1,075	+ 5,497
Distillate Fuel Oil					
Distillate fuel oil production	2,781	2,740	2,875	+ 41	- 94
Distillate fuel oil stocks	162,549	162,861	183,011	- 312	- 20,462
Residual Fuel Oil					
Residual fuel oil production	691	734	996	- 43	- 305
Residual fuel oil stocks	49,182	49,150	62,286	+ 32	- 13,104
Imports					
Crude oil imports	3,005	2,847	3,412	+ 158	- 407
Product imports	1,854	1,953	1,909	- 99	- 55
Crude Oil Stocks					
Crude oil stocks	355,290	354,335	343,619	+ 955	+ 11,671

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 63 For Week Ended NOVEMBER 25, 1983 NO. 47

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	390	952	876	1,229	71.3
Appal. No. 1	89	82	82	177	46.3
DISTRICT 1 TOTAL	979	934	958	1,406	68.1
Appal. No. 2	64	62	64	66	97.0
Ind., Ill., Ky.	2,043●	1,905●	1,938●	2,345	82.6●
Minn., Wis., Daks.	301	289	303	296	102.4
Okla., Kans., Mo.	658	609	622	827	75.2
DISTRICT 2 TOTAL	3,066●	2,865●	2,927●	3,534	82.8●
Inland Texas	580	466	500	585	85.5
Texas Gulf Coast	3,324	2,918	3,065	3,907	78.4
La. Gulf Coast	2,151	2,010	2,018	2,890	69.8
N. La. and Ark.	205	189	195	286	68.2
New Mexico	58	59	59	105	56.2
DISTRICT 3 TOTAL	6,318	5,662	5,837	7,773	75.1
DISTRICT 4 TOTAL	409	402	405	536	75.6
DISTRICT 5 TOTAL	2,090	2,050	2,051	3,060	67.0
TOTAL U.S.	12,862	11,913	12,178	16,309	74.7
TOTAL U.S. Weeks Ended:					
NOV. 18, 1983	13,065●	12,270●	12,523●	16,309	76.8●
NOV. 26, 1982	12,912	11,798	12,183	16,663	73.1
DISTRICTS 1-4 Weeks Ended:					
NOV. 25, 1983	10,772	9,863	10,127	13,249	76.4
NOV. 18, 1983	11,002●	10,139●	10,363●	13,249	78.2●
NOV. 26, 1982	10,794	9,783	10,125	13,580	74.6

● SEE REVISIONS ON PAGE 7

API WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER* 25, 1983

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	484	181	303	22	23	210	81
Appal. No. 1	31	15	16	2	--	23	4
DISTRICT 1 TOTAL	515	196	319	24	23	233	85
Appal. No. 2	37	20	17	2	--	14	4
Ind., Ill., Ky.	1,300	581	719	15	115	403	44
Minn., Wis., Daks.	179	93	85	4	13	88	10
Okla., Kans., Mo.	405	195	210	12	29	179	13
DISTRICT 2 TOTAL	1,920	889	1,031	33	157	684	71
Inland Texas	302	177	125	22	26	114	19
Texas Gulf Coast	1,564	590	974	58	144	765	130
La. Gulf Coast	1,120	458	662	28	211	394	55
N. La. and Ark.	60	19	41	6	--	59	9
New Mexico	15	7	8	14	1	20	1
DISTRICT 3 TOTAL	3,061	1,251	1,810	128	382	1,352	244
DISTRICT 4 TOTAL	246	147	99	13	16	132	10
DISTRICT 5 TOTAL	1,046	463	583	50	193	380	281
TOTAL U.S.	6,789	2,946	3,842	248	771	2,781	691
TOTAL U.S. Weeks Ended:							
NOV. 18, 1983	6,715	2,916	3,799	193	842	2,740	734
NOV. 26, 1982	6,254	*N/A*	*N/A*	182	778	2,875	996
DISTRICTS 1-4 Weeks Ended:							
NOV. 25, 1983	5,742	2,483	3,259	198	578	2,401	410
NOV. 18, 1983	5,738	2,483	3,255	147	616	2,382	463
NOV. 26, 1982	5,336	*N/A*	*N/A*	123	563	2,526	677

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended *NOVEMBER* 25, 1983

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,462	2,462	2,999	1	64	737	13,159	1,878	--
Central Atlantic	28,776	10,875	14,034	3,867	335	5,133	42,674	19,629●	14,242
Lower Atlantic	27,264	13,589	13,334	241	157	4,244	15,113	3,534	482
DISTRICT 1 TOTAL	61,502	26,926	30,367	4,209	556	10,114	70,946	25,041●	14,724
DISTRICT 2 TOTAL	67,261	30,563	29,528	7,170	1,545	7,976	42,498	3,467	17,306
DISTRICT 3 TOTAL	59,824	24,113	26,767	18,944	2,563	12,074	35,661	11,654	53,601
DISTRICT 4 TOTAL	6,834	3,240	1,920	1,674	297	657	3,042	415	2,933
DISTRICT 5 TOTAL	26,062	8,620	10,740	6,702	1,422	5,285	10,402	8,605	24,371
TOTAL U.S.	231,483	93,462	99,322	38,699	6,383	36,106	162,549	49,182	113,435
TOTAL U.S. Weeks Ended:									
NOV. 18, 1983	230,373	92,604	98,247	39,522	6,247	35,928	162,861	49,150●	111,479
NOV. 26, 1982	230,113	*N/A*	93,825	*N/A*	6,294	33,996	183,011	62,286	110,167
DISTRICTS 1-4 Weeks Ended:									
NOV. 25, 1983	205,421	84,842	88,582	31,997	4,961	30,821	152,147	40,577	89,064
NOV. 18, 1983	204,009	83,519	87,847	32,643	4,883	30,313	152,119	41,222●	86,907
NOV. 26, 1982	203,140	*N/A*	84,474	*N/A*	4,885	28,304	172,703	53,801	84,960

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

NA-Not Available

● *SEE REVISIONS ON PAGE 7*

WEEKLY STATISTICAL BULLETIN
Week Ended NOVEMBER 25, 1983

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy JULY 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 25, 1983	5,826.0	5,787.0	2,912	243	269,910
NOV. 18, 1983	5,826.0	--	2,603	291	271,956
NOV. 11, 1983	5,826.0	--	3,497	320	276,024
NOV. 4, 1983	5,823.0	--	2,809	262	271,639
DISTRICT 5 TOTAL					
NOV. 25, 1983	2,829.7	2,932.0	93	--	85,380 *
NOV. 18, 1983	2,829.7	--	244	7	82,379
NOV. 11, 1983	2,829.7	--	268	--	83,977
NOV. 4, 1983	2,847.0	--	160	7	83,400
TOTAL U.S.					
NOV. 25, 1983	8,655.7	8,619.0	3,005	243	355,290 *
NOV. 18, 1983	8,655.7	--	2,847	298	354,335
NOV. 11, 1983	8,655.7	--	3,765	320	360,901
NOV. 4, 1983	8,670.0	--	2,969	269	355,039
NOV. 26, 1982	8,690.3/A	--	3,412	184	343,619

*INCLUDES 31,196 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE ACTUAL FOR NOVEMBER 1982.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
NOV. 25, 1983	16,261	77,885	162,854	12,910	269,910	85,380 *	355,290 *
NOV. 18, 1983	17,098	78,874	160,368	12,616	271,956	82,379	354,335
NOV. 26, 1982	17,487	75,528	161,709	11,961	266,685	76,934	343,619

[1]See definitional notes, Page 6.

API WEEKLY STATISTICAL BULLETIN
Week Ended NOVEMBER 25, 1983

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	56	--	--	--	--	56
Central Atlantic	219	147	72	--	26	133	612●	40	32	82	1,144●
Lower Atlantic	--	--	--	--	--	56	70	--	--	--	126
DISTRICT 1 TOTAL											
NOV. 25, 1983	219	147	72	--	26	245	682	40	32	82	1,326
NOV. 18, 1983	364	198	166	--	31	273	641●	33	87	86	1,515●
NOV. 11, 1983	245	158	87	--	25	212	680	36	157	60	1,415
NOV. 4, 1983	289	159	130	--	32	283	768	2	82	91	1,547
DISTRICTS 2–4 TOTAL											
NOV. 25, 1983	47	41	6	--	--	29	90	220	60	9	455
NOV. 18, 1983	8	8	--	--	1	49	40	156	87	25	366
NOV. 11, 1983	7	7	--	--	2	24	60	120	89	20	322
NOV. 4, 1983	9	9	--	--	2	20	56	143	150	62	442
DISTRICT 5 TOTAL											
NOV. 25, 1983	17	5	12	--	4	2	41	6	--	3	73
NOV. 18, 1983	25	15	10	--	2	3	12	19	--	11	72
NOV. 11, 1983	50	41	9	--	3	3	17	7	--	10	90
NOV. 4, 1983	33	20	13	--	4	4	18	5	--	10	74
TOTAL U.S.	283	193	90	--	30	276	813	266	92	94	1,854
TOTAL U.S. Weeks Ended:											
NOV. 18, 1983	397	221	176	--	34	325	693●	208	174	122	1,953●
NOV. 11, 1983	302	206	96	--	30	239	757	163	246	90	1,827
NOV. 4, 1983	331	188	143	--	38	307	842	150	232	166	2,063
NOV. 26, 1982	150	N/A	65	12	12	98	710	314	291	315	1,909

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

● SEE REVISIONS ON PAGE 7

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

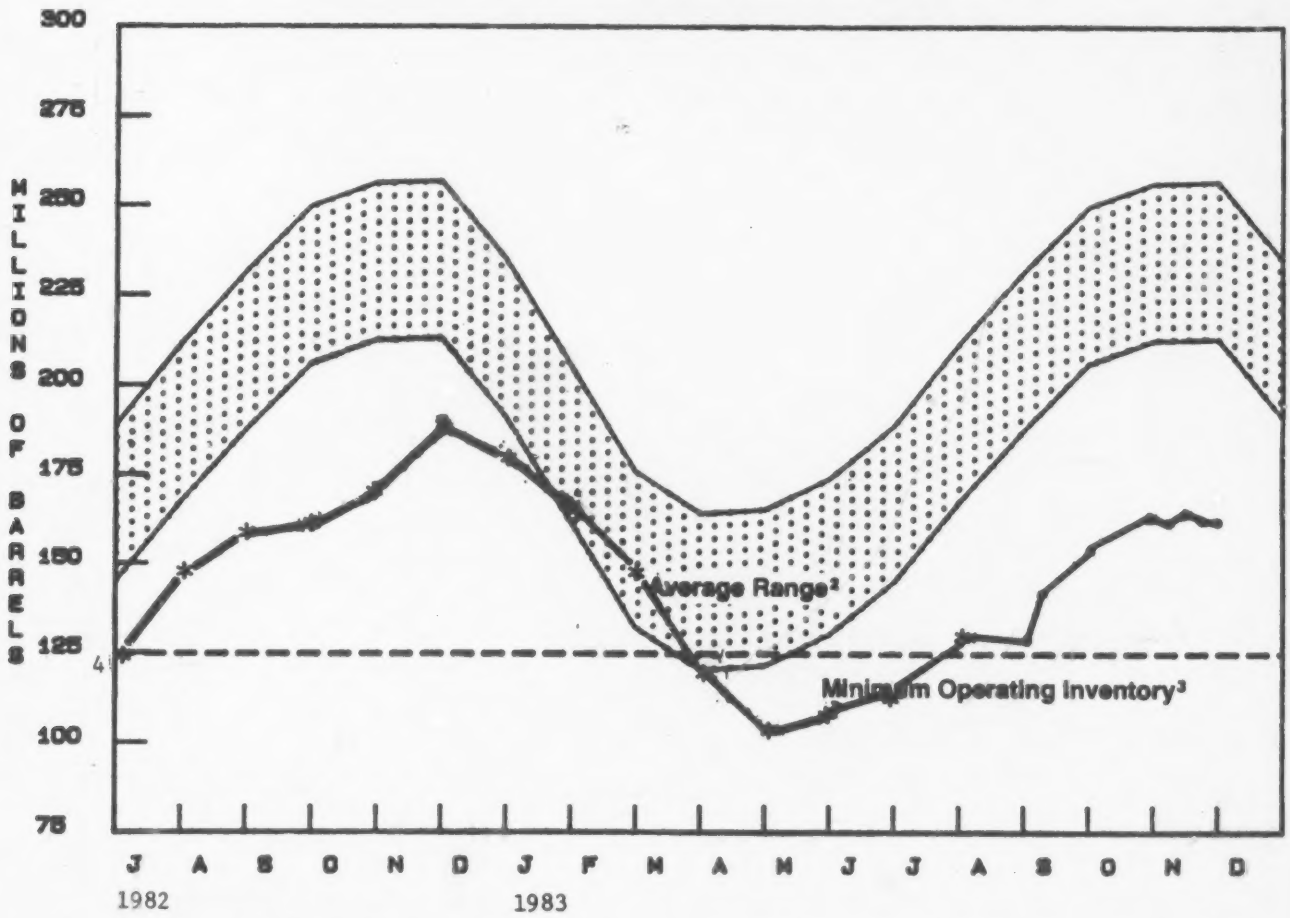
Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

11/18/83	PAGE 1	TOTAL REFINERY INPUT	IND., ILL., KY.	1,982
			DISTRICT 2 TOTAL	3,024
			TOTAL U.S.	13,065
			DISTRICTS 1-4	11,002
		CRUDE OIL RUNS	IND., ILL., KY.	1,924
			DISTRICT 2 TOTAL	2,911
			TOTAL U.S.	12,270
			DISTRICTS 1-4	10,139
		INPUT TO CRUDE OIL	IND., ILL., KY.	1,953
			DISTRICT 2 TOTAL	2,960
			TOTAL U.S.	12,523
			DISTRICTS 1-4	10,363
		O/C OPERATED	IND., ILL., KY.	83.3
			DISTRICT 2 TOTAL	83.8
			TOTAL U.S.	76.8
			DISTRICTS 1-4	78.2
	PAGE 3	RESIDUAL FUEL	CENTRAL ATLANTIC	20,074
			DISTRICT 1 TOTAL	25,370
			TOTAL U.S.	49,150
			DISTRICTS 1-4	41,222
	PAGE 5	RESIDUAL FUEL	CENTRAL ATLANTIC	471
			DISTRICT 1 TOTAL	641
			TOTAL U.S.	693
		TOTAL	CENTRAL ATLANTIC	1,162
			DISTRICT 1 TOTAL	1,515
			TOTAL U.S.	1,953

Distillate Fuel Oil Stocks at Primary Level[1] [5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

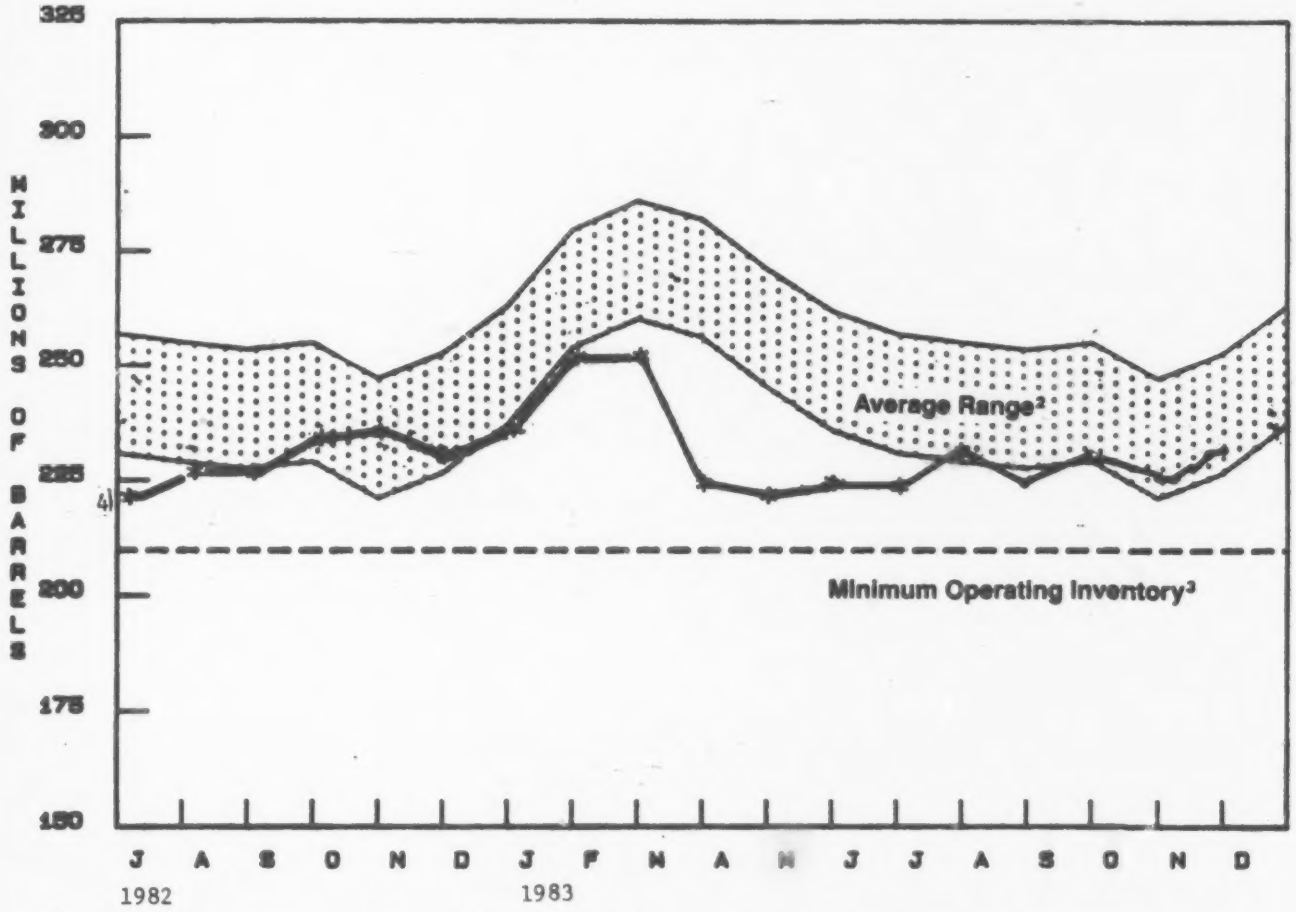
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended November 25, 1983

Motor Gasoline Stocks at Primary Level[1,5]



[1]Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2]Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January 1975-December 1981.

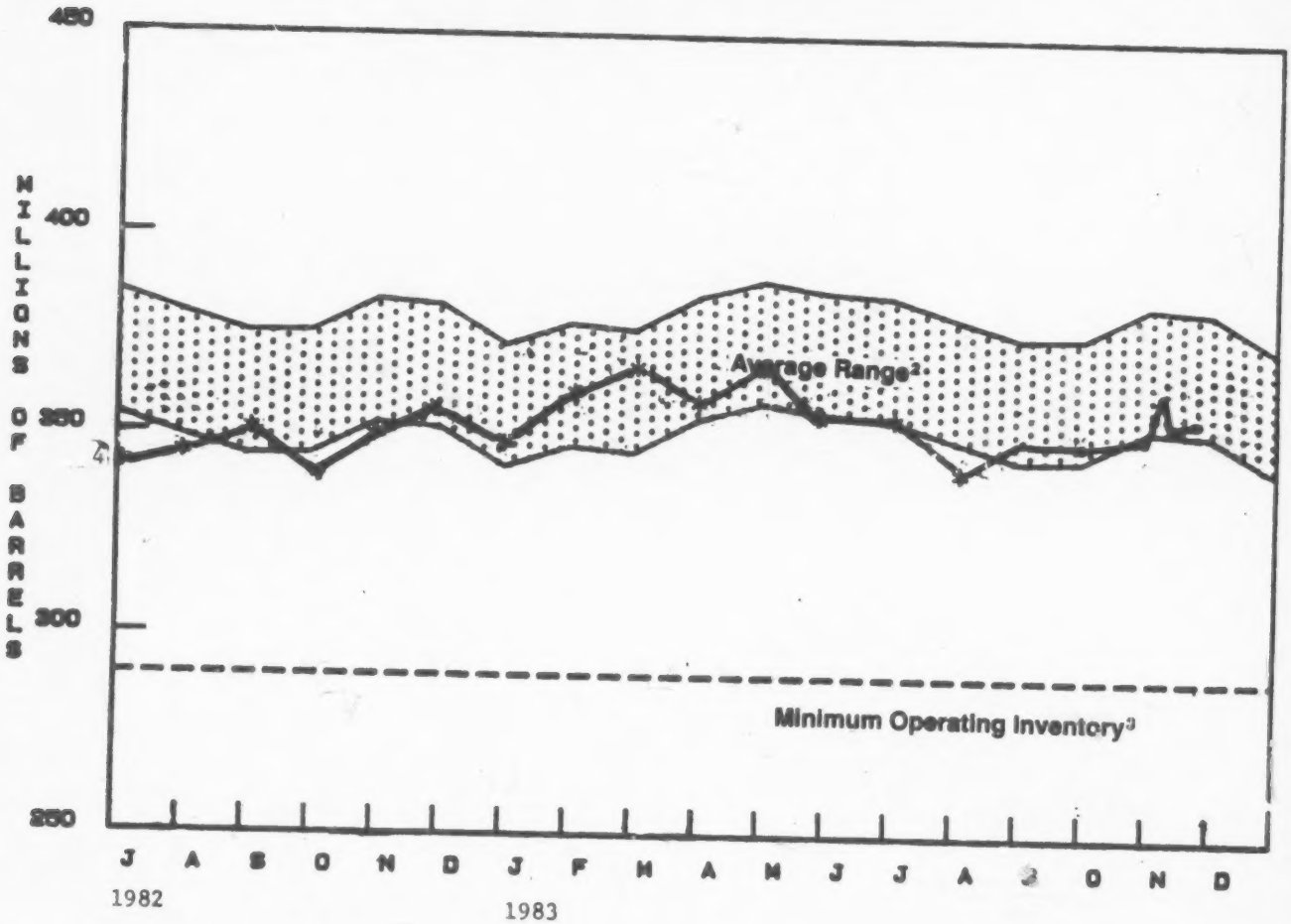
[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement, Monthly."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.

Week Ended November 25, 1983

Crude Oil Stocks at Primary Level[1] [5]



[1]Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

[2]Average level, width of average range, estimated by DOE, and observed minimum are based on three years of monthly data: July 1979-June 1982. The seasonal pattern is based on seven years of monthly data: January-1975-December 1981.

[3]The National Petroleum Council defines the Minimum Operating Inventory as the minimum level required for routine operation. By their definition, runouts and shortages would occur if inventory levels fall below that level.

[4]Source: *— EIA, Energy Data Reports, "Petroleum Statement."
•— API, "Weekly Statistical Bulletin."

[5]The average level, width of average range and minimum operating inventory level are all based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may now be overstated.